

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled).
2. (Cancelled).
3. (Currently Amended) A method of monitoring for availability of a system function in a computer system, the method comprising the steps of:
 ~~recording a respective current functional state of a computer system~~
 ~~component for said~~ mapping of a computer system component in the a database of the
 ~~computer system;~~
 ~~recording, by said database, for each~~ the computer system component; whether
 ~~said the component contributes to said availability of the~~ is necessary for at least one system
 ~~function monitored for availability, and, if so, for which system function or system functions~~
 ~~said component contributes to said~~ the computer system function is monitored for
 availability;
 maintaining for a mapped computer system component, a state of such
 component; and
 ~~assessing using, when a change in a~~ the state of a component of said the
 ~~computer system component has taken place or is intended, using data stored in said database~~
 ~~for other computer system components, the recorded data~~ to assess whether said the
 availability of the computer system function monitored for availability changes or would
 change as a result of ~~such a~~ the change of the state of the component.
4. (Cancelled).
5. (Cancelled).

6. (Currently Amended) ~~An~~ A computer system to monitor availability monitoring of a component in a the computer system, the computer system comprising:
a database; and mapping means mapping components of a computer system to a database of the computer system;
a recording means recording for a mapped component whether the component is necessary for a computer system function, which functions are monitored for availability in the computer system;
~~system components wherein~~ a maintenance means maintaining for a mapped component, the state of such component, and
a total failure detection means using, when a change in a the state of one of said components of said the computer system component has taken place or is intended, said computer system assessing, using information stored in said database, whether said change in state changes or would change an availability of a system function, said database, for this purpose, indicating for each data map for a component whether a mapped component contributes to said availability of a system function, and, if so, to which system function or system functions contribute to said availability of a system function., the recorded data to assess whether the availability of the computer system function monitored for availability has changed or would change as a result of the change of the state of the component.

7.-10. (Cancelled).

11. (New) The method as claimed in claim 3, further comprising the step of:
recording for each mapped component the instant at which said component is necessary.

12. (New) A computer system as claimed in claim 6, further comprising said recording means recording for each mapped component the instant at which said component is necessary.